



Crop Weather Report

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Monthly: Nov-Mar

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Dec. 31, 2008

Weather Summary

Most of Montana received above normal moisture for the month ending December 31st. Swan Lake received the most monthly accumulated precipitation with 4.30 inches. Temperatures during the month of December were below normal. Highs were mostly in the 40s and 50s, and lows ranged from negative 30s to negative teens. Hardin had the high temperature of 64 degrees, and Chinook and Harlem shared the low temperature of minus 35 degrees. Topsoil moisture adequate and surplus, at 82 percent, is better than last month's 68 percent and last year's 30 percent. Subsoil moisture adequate and surplus is 66 percent, above last month's 53 percent and last year's 22 percent.

The weather outlook for January 12th through January 18th is for above normal temperatures and below normal precipitation both east and west of the continental divide. Normal temperatures for this period in Montana are highs in the upper teens to the mid 30s and lows ranging from 0 degrees to the mid teens.

Livestock Report

More livestock are receiving supplemental feed compared to last year due to the cold weather and heavy snowfall. Snowfall also has 33 percent of pastures closed for grazing compared to only 5 percent the previous year. Range and pasture feed conditions good to excellent is 13 percent, compared to last month's 29 percent and the previous year's 26 percent.

Range & Livestock Table	This Month	Last Month	Last Year
Range and Pasture Feed Condition			
Very Poor	17	8	16
Poor	19	20	19
Fair	51	43	39
Good	12	26	23
Excellent	1	3	3
Livestock Grazing			
Open	13	n/a	84
Difficult	54	n/a	11
Closed	33	n/a	5
Livestock Receiving Supplemental Feed			
Cattle and Calves	93	40	81
Sheep and Lambs	95	55	84

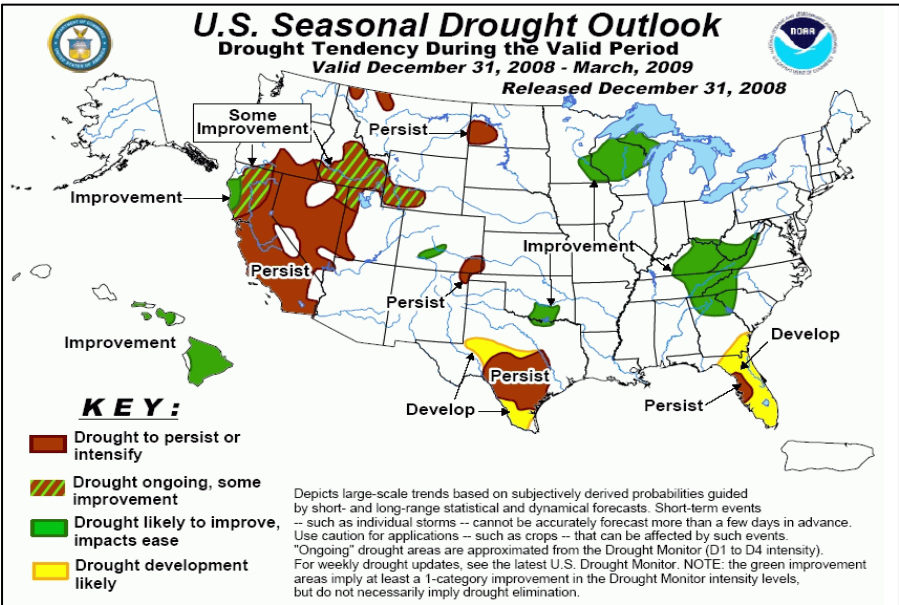
Soil Moisture & Field Work Table	This Month	Last Month	Last Year
Topsoil Moisture			
Very Short	2	5	24
Short	16	27	46
Adequate	75	65	28
Surplus	7	3	2
Subsoil Moisture			
Very Short	12	17	36
Short	22	30	42
Adequate	64	52	21
Surplus	2	1	1

Field Crops Report

Protectiveness of snow cover for winter wheat is mostly good to excellent this year. There have been heavy winds, but little of the winter wheat crop has suffered any damage. Also, less of this year's crop has seen damage from freeze and drought compared to last year. Winter wheat conditions are better than last month and last year with 75 percent good to excellent.

Crop Condition Table	This Month	Last Month	Last Year
Winter Wheat			
Very Poor	1	0	2
Poor	4	2	11
Fair	20	30	54
Good	61	63	29
Excellent	14	5	4
Winter Wheat- Wind Damage			
None	79	n/a	56
Light	19	n/a	38
Moderate	2	n/a	6
Heavy	0	n/a	0
Winter Wheat- Freeze and Drought Damage			
None	85	n/a	55
Light	14	n/a	36
Moderate	1	n/a	8
Heavy	0	n/a	1
Winter Wheat- Protectiveness of Snow Cover			
Very Poor	2	n/a	88
Poor	4	n/a	7
Fair	17	n/a	3
Good	32	n/a	2
Excellent	45	n/a	0

Drought map available at:
<http://www.drought.noaa.gov>



THIS INFORMATION IS ALSO AVAILABLE ON THE INTERNET AT: <http://www.nass.usda.gov/mt/>

Completed and Summarized by: USDA, NASS, Montana Field Office In conjunction with: MSU Extension Agents
USDA County Service Centers

Weather Information for the month ending 12/31/2009

Station	Temperature				Precipitation December			Precipitation October 1 to date		
	Hi	Low	Avg	DFN	Total	DFN	% Nrm	Total	DFN	% Nrm
NORTHWEST										
Alberton	51	-17	21	-2	2.99	+1.83	258	6.90	+3.95	234
Anaconda	55	-21	20	-4	2.39	+1.77	385	4.35	+2.05	189
Clinton	49	-15	22	+4	1.42	-0.24	86	3.50	-0.65	84
Corvallis	55	-16	23	-4	1.44	+0.70	195	2.98	+0.67	129
Creston	52	-16	21	-4	1.94	+0.36	123	3.83	-0.55	87
Deer Lodge	53	-23	18	-6	0.35	-0.02	95	2.23	+0.90	168
Drummond	48	-26	18	-4	1.31	+0.51	164	3.84	+1.48	163
Hamilton	59	-14	24	-3	2.14	+1.10	206	4.28	+1.34	146
Kalispell	48	-22	21	-3	2.16	+0.52	132	3.89	-0.19	95
Missoula	47	-15	23	-1	1.35	+0.19	116	3.67	+0.72	124
Olney	43	-24	13	-7	3.22	+0.98	144	5.96	-0.13	98
Polson	52	-10	21	-7	1.12	-0.05	96	3.22	-0.17	95
St Ignatius	54	-14	22	-6	1.78	+0.71	166	5.02	+1.75	154
Seeley Lake	48	-24	18	-3	3.18	+0.64	125	7.11	+0.92	115
Sula	49	-22	20	-1	1.91	+0.95	199	3.95	+0.64	119
Superior	45	-12	23	-5	2.59	+0.97	160	5.21	+0.76	117
Swan Lake	52	-16	18	-5	4.30	+0.78	122	6.96	-2.30	75
Thompson Falls	48	-5	25	-4	2.51	-0.23	92	5.46	-1.65	77
West Glacier	45	-21	18	-7	3.46	+0.24	107	7.17	-1.27	85
NORTH CENTRAL										
Chester	59	-28	11	-8	1.81	+1.41	453	2.92	+1.69	237
Chinook	59	-35	9	-8	1.24	+0.72	238	2.46	+0.84	152
Choteau	60	-26	16	-11	0.82	+0.60	373	1.13	+0.15	115
Cut Bank	58	-27	16	-6	0.31	-0.01	97	0.61	-0.59	51
Ft Assiniboine	56	-31	12	-8	0.86	+0.34	165	2.97	+1.22	170
Fort Benton	61	-27	15	-11	1.06	+0.54	204	2.46	+0.61	133
Goldbutte	58	-33	13	-10	0.93	+0.51	221	1.87	+0.21	113
Harlem	59	-35	10	-8	0.88	+0.47	215	2.09	+0.75	156
Havre	56	-33	13	-6	0.67	+0.15	129	2.07	+0.50	132
Malta	55	-29	11	-4	1.05	+0.65	263	2.85	+1.18	171
Rudyard	54	-33	11	-10	0.98	+0.75	426	2.35	+1.38	242
Shelby	58	-25	15	-8	0.33	-0.12	73	0.82	-0.68	55
Turner	53	-33	8	-8	0.94	+0.59	269	1.69	+0.32	123
Valier	58	-23	16	-9	0.91	+0.62	314	1.17	-0.07	94
NORTHEAST										
Bredette	46	-30	5	-11	1.00	+0.67	303	3.60	+2.20	257
Culbertson	50	-33	6	-9	1.08	+0.72	300	3.41	+1.79	210
Glasgow	53	-32	9	-7	0.99	+0.61	261	2.62	+1.16	179
Glendive	51	-24	13	-7	0.54	+0.14	135	2.55	+0.68	136
Jordan	53	-32	12	-6	0.35	-0.17	67	2.77	+0.96	153
Nashua	52	-32	8	-12	1.26	+0.96	420	3.05	+1.68	223
Opheim	47	-30	7	-5	0.83	+0.52	268	1.78	+0.54	144
Plentywood	45	-32	5	-9	1.00	+0.64	278	3.15	+1.68	214
St Marie	48	-30	9	-7	0.28	-0.10	74	1.21	-0.25	83
Scobey	47	-32	6	-7	0.62	+0.29	188	2.66	+1.36	205
Sidney	50	-25	10	-8	0.94	+0.46	196	3.12	+1.01	148
Wolf Point	51	-28	8	-8	0.39	+0.04	111	1.62	+0.19	113
CENTRAL										
Cascade	56	-30	18	-8	0.80	+0.35	178	2.04	+0.15	108
Grass Range	62	-25	18	-8	1.02	+0.37	157	3.39	+1.23	157
Great Falls	58	-25	18	-7	1.46	+0.78	215	2.71	+0.53	124
Harlowton	55	-24	16	-10	0.88	+0.40	183	2.01	+0.25	114
Helena	60	-17	21	-1	0.75	+0.29	163	1.99	+0.40	125
Lewistown	57	-29	16	-8	0.39	-0.45	46	2.36	-0.26	90
Martinsdale	52	-26	18	-7	1.15	+0.66	235	2.22	+0.44	125
Neihart	50	-29	15	-11	1.65	+0.63	162	4.21	+0.83	125
Rogers Pass	57	-31	16	-9	1.42	+0.64	182	3.00	+0.39	115
Roundup	62	-26	19	-7	0.73	+0.26	155	2.99	+1.18	165
Ryegate	54	-27	16	-8	1.08	+0.60	225	2.18	+0.45	126
Stanford	57	-24	18	-9	0.64	-0.05	93	2.40	+0.12	105
Townsend	60	-28	18	-8	0.49	+0.14	140	1.70	+0.35	126
Valentine	61	-28	13	-7	0.93	+0.38	169	2.80	+1.06	161
Wht Sulphur Spr	52	-29	15	-9	1.50	+1.02	312	2.97	+1.09	158
SOUTHWEST										
Boulder	57	-27	18	-6	0.44	+0.02	105	2.34	+0.75	147
Bozeman	57	-22	19	-6	1.63	+0.84	206	3.88	+0.41	112
Butte	53	-22	18	+0	0.66	+0.13	125	1.94	+0.03	102
Dillon	56	-25	18	-5	0.27	+0.04	117	0.93	-0.28	77
Ennis	52	-25	18	-7	1.14	+0.68	248	1.85	-0.22	89
Lakeview	44	-13	19	+6	1.10	+0.03	103	3.60	-0.11	97
W Yellowstone	46	-16	17	+6	2.10	-0.19	92	4.79	-0.85	85
Wisdom	50	-28	17	+3	0.93	+0.24	135	2.84	+0.60	127
SOUTH CENTRAL										
Billings	54	-19	21	-6	1.24	+0.56	182	3.33	+0.67	125
Cooke City	50	-17	19	+7	1.24	-1.01	55	2.73	-3.17	46
Gardiner	47	-15	20	-4	0.47	+0.02	104	1.36	-0.46	75
Hardin	64	-22	18	-8	0.76	+0.28	158	2.51	+0.18	108
Huntley	59	-31	16	-7	1.17	+0.55	189	3.87	+1.51	164
Hysham	59	-21	17	-7	1.09	+0.63	237	4.30	+2.09	195
Joliet	58	-24	18	-7	0.94	+0.29	145	2.79	-0.08	97
Livingston	59	-18	22	-6	0.23	-0.33	41	1.28	-1.19	52
Nye	56	-20	21	-9	0.65	-0.10	87	3.26	+0.37	113
Rapelje	59	-24	18	-9	0.54	-0.01	98	2.52	+0.06	102
SOUTHEAST										
Albion	53	-17	16	-3	2.05	+1.73	641	4.21	+2.31	222
Baker	45	-25	13	-7	0.31	-0.12	72	2.23	+0.00	100
Broadus	55	-25	17	-7	0.21	-0.30	41	3.34	+1.03	145
Ekalaka	46	-27	13	-9	0.87	+0.30	153	4.12	+1.21	142
Miles City	52	-23	15	-6	0.16	-0.30	35	2.43	+0.35	117
Plevna	46	-28	10	-9	0.59	+0.16	137	3.07	+0.84	138